



Location: Izaña Observatory, Tenerife, Spain

Address: Ctra. La Esperanza a El Portillo, Km 37.5, Izaña 38311 La Orotava, Tenerife, Spain

Agenda

Day 1 Monday 26.05.2025		
time	Name	talk
10:00 - 10:30	Carlos Torres	Welcome & overview of Izaña Observatory
10.30 - 10.40	Stelios Kazadzis	Harmonia COST Action Summary
10:40 - 11:00	Africa Barreto	Atmospheric Aerosols: generalities, instruments and networks
11:00 - 11:20	Pablo González	Calibration and AOD retrieval
11:20 - 11:50	Coffee break	
Instruments		
11:50 - 12:05	Fernando Almansa	Cimel photometer
12:05 - 12:20	Natalia Kouremeti	Precision Filer Radiometer
12:20 - 12:35	Monica Campanelli	Prede POM photometer
12:35 - 12:50	Alberto Redondas	Brewer spectrophotometer
12:50 - 13:05	Omaira García	Fourier transform infrared (FTIR) spectroscopy (EM27 and FTIR spectrometers)
13:05 - 13:20	Rosa García/Pablo González	EKO spectroradiometer
13:20 - 14:20	lunch at Izaña and Tour of station	
14:20 - 15:00	Exercises Group division and practical aspects	
15:00 - 17:15	Mixing activities in groups: hands-on with instrumentation at the roof and Izaña	
17:30	bus	

Day 2 Tuesday 27.05.2025

10:00 - 10:30	Roberto Roman	Stellar photometry with all-sky cameras
10:30 - 11:00	Masahiro Momoi	Aerosol inversions
11:00 - 11:30	Francisco Navas	Aerosol characterization through lidar observations in the EARLINET network
11:30 - 12:00	Coffee Break	Coffee break
12:00 - 13:00	Victoria Cachorro	The Solar-GOA model and its context to evaluate spectral and integrated solar irradiances: focus on aerosol transmittance
13:00 - 13:30	Montserrat Costa Suros	Modeling the interactions between aerosols and mixed-phase clouds (Online)
13:30 - 14:30	lunch at Izaña	lunch at Izaña
14:30 - 17:15	supervisors	Exercises for trainees
17:30	bus	

Day 3 Wednesday 28.05.2025

10:00 - 10:30	Ernest Werner	WMO Barcelona Dust Regional Center: SDS Forecast Products for West Africa countries
10:30 - 11:00	Federico Fierli	Satellite based data and products for air composition monitoring (Online)
11:00 - 11:30	Holger Bars	Earth Care aerosols and validation (Online)
11:30 - 12:00	Coffee Break	
12:00 - 12:20	Sara Basart	WMO perspective on atmospheric aerosols
12:20 - 12:40	Sophie Vandenbussche	Satellite aerosol observations in the thermal infrared
12:40 - 13:00	Anca Nemuc	The Art of Connection: Mastering Communication for Success
13:00 - 13:20	Flori Toanca	Transforming Ideas into Proposals: Guide to Project Writing (Online)
13:20 - 13:30	Pavla Dagsson-Waldhauserová	Information on the Harmonia Grants
13:30 - 14:30	lunch at Izaña	lunch at Izaña & Group Picture

14:30 - 17:15	presentation by each of the 4 groups	each group to present the comparison between Calitoo &: a) Cimel, b) PFR, c) Prede & d) EKO. 40min each
17:30	Bus	
20:30	Dinner at la laguna	

Contact:

Africa Barreto: abarretov@aemet.es, +34 652148892

Stelios Kazadzis: stelios.kazadzis@pmodwrc.ch, +41 78 615 7025

<https://harmonia-cost.eu/>